

عنوان مقاله:

Effects of zeolite on the quality yield of corn grain under different irrigation treatments

محل انتشار:

همایش بین المللی ژئولیت ایران (سال: 1387)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

For consideration of influence of different quantities of natural zeolite and efficiency of irrigation on variation of protein of corn grain (single grass704), was conducted. A factorial field experiment in randomize complete block 12 treatments which main factor contain of Zeolite treatments ($Z_0=0$, $Z_1=2$, $Z_2=4$ and $Z_3=8$ gram Zeolite in one Kilogram of soil) and secondary factor contain of irrigation efficiency percent treatments ($M_1=90\%$, $M_2=70\%$ and $M_3=30\%$) with 3 replication was conducted in the agricultural research farm of Tarbiat Modares University. results showed that In each level of zeolite with change of the rate of irrigation efficiency (M_1 , M_2 , M_3) especially for the two level of (M_2, M_3) that has more leaching than the M_1 , the difference of the percentage of protein in treatments without zeolite is more than the treatment with zeolite The maximum degree of protein relates to Z_3M_1 treatment and the minimum degree of it is in the Z_0M_3 .

کلمات کلیدی:

Zeolite, Maize, percentage of protein, irrigation efficiency

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